

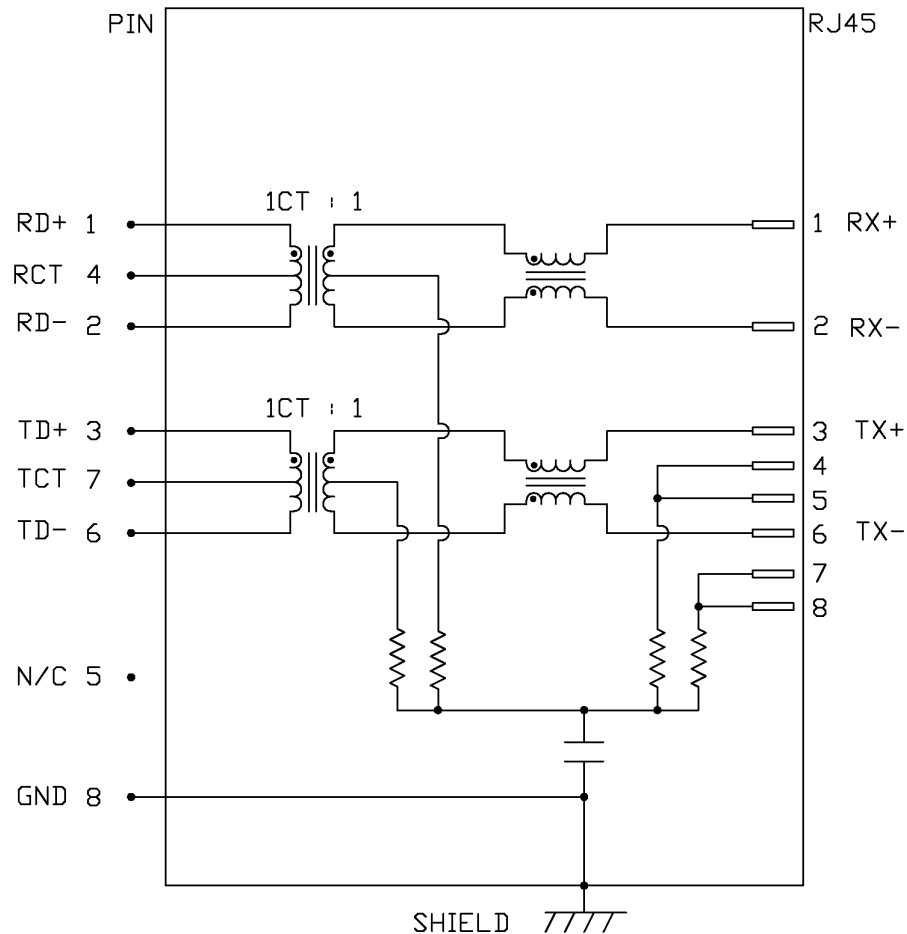
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SCHEMATIC

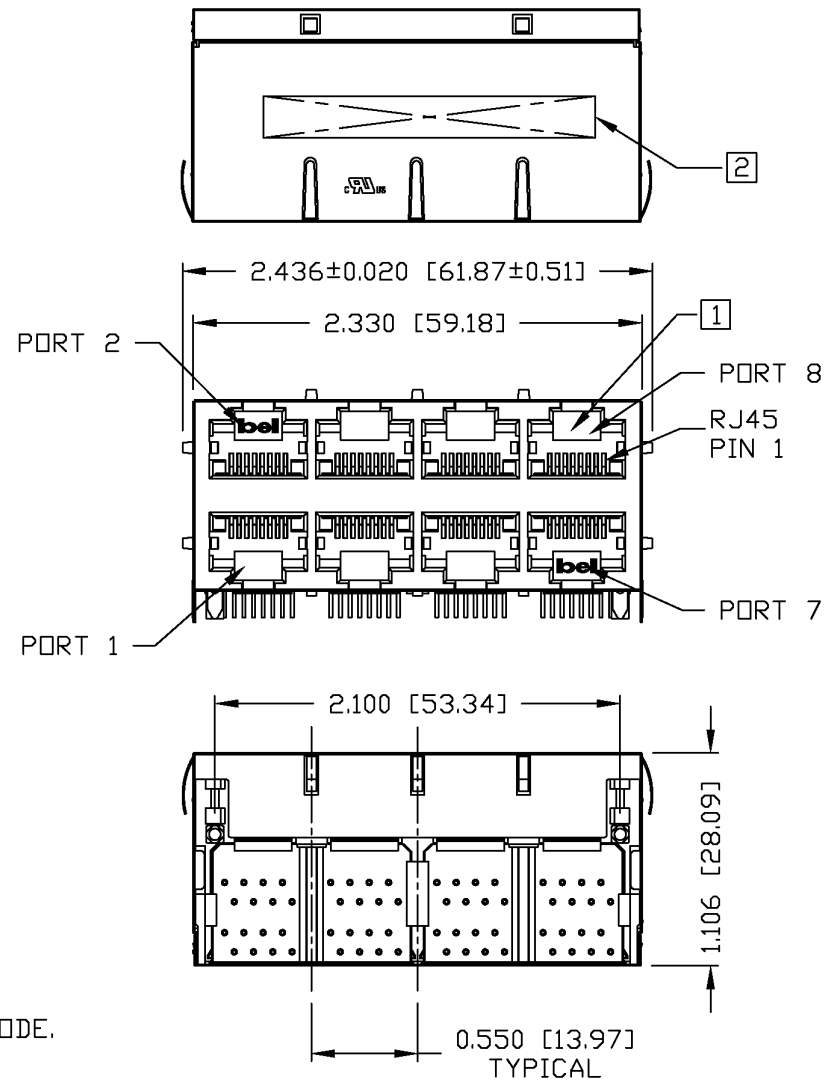
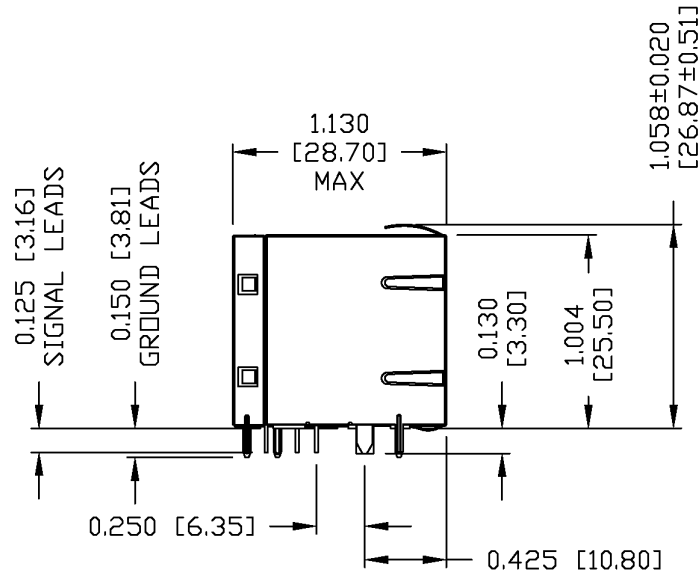
ELECTRICAL CHARACTERISTICS @ 25°C

RETURN LOSS (MIN.)		
1MHz-30MHz	-18 dB	
60MHz-80MHz	-12 dB	
INSERTION LOSS(MAX)		
100KHz TO 100MHz	-1.1 dB	
QCL @ 0.1V, 100KHz		
8mA DC BIAS	350µH MIN.	
URNS RATIO	1CT : 1CT ±3%	
XTALK		
100KHz TO 100MHz	-35 dB MIN.	



ORIGINATED BY CHUNG	DATE 06-02-05	TITLE 2X4 MagJack® (4 Cores) 0811-2X4R-28-F	PART NO. / DRAWING NO. 08112X4R28-F		STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REFERENCE		bel COMPONENTS FOR A CONNECTED PLANET
			FILE NAME 08112X4R28-FA.DWG		.X		UNIT : INCH [mm]	REV. : A	
DRAWN BY DE	DATE 06-02-05				.XX		SCALE : N/A	SIZE : A4	
					.XXX		⊕ --- ---	PAGE : 2	

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**NOTES:**

PLASTIC HOUSING: THERMOPLASTIC PBT  
 FLAMMABILITY RATING UL 94V-0  
 CONTACT PLATING: 30 MICRO-INCH HARD GOLD PLATING  
 OUTPUT PINS: TIN-COATED COPAR WIRE, DIA 0.018 INCH.  
 METAL SHIELD: NICKEL PLATED COPAR ALLOY.

(ALL GROUND LEADS ARE SOLDER DIPAD)

- 1. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
- 2. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.

**c us** UL RECOGNIZED - FILE #E196366 AND E169987.

RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

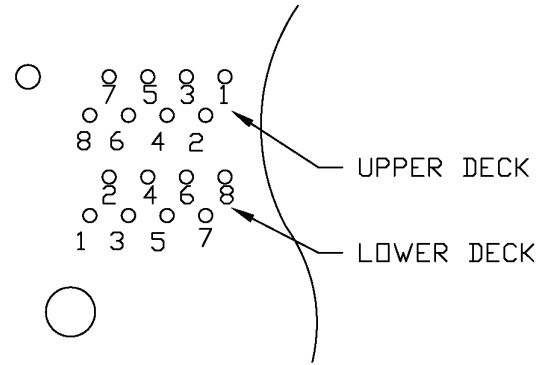
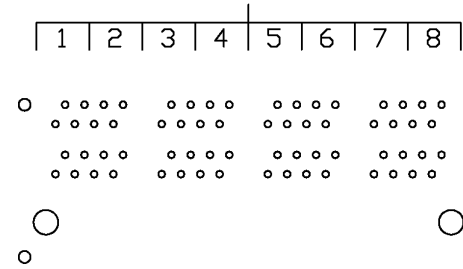
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE
BILL	06-02-05	2X4 MagJack® (4 Cores) 0811-2X4R-28-F	08112X4R28-F	.X	UNIT : INCH [mm] REV. : A
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
LING	06-02-05		08112X4R28-FA.DWG	.XXX ±0.010	PAGE : 3



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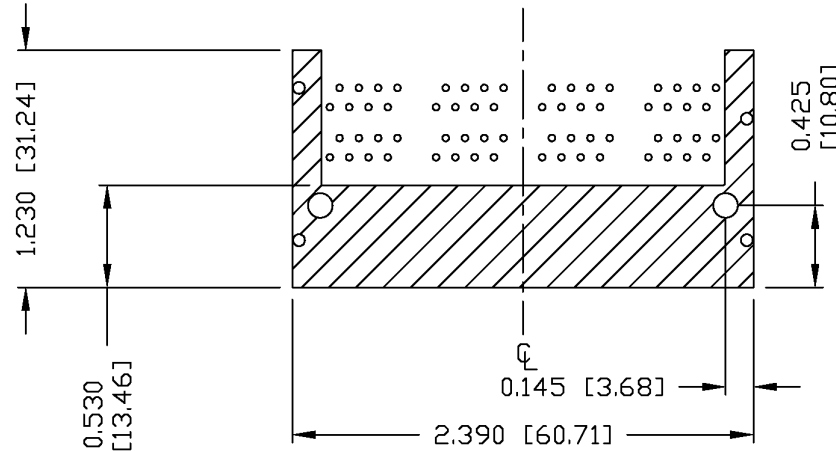


PORT ASSIGNMENT  
(COMPONENT SIDE VIEW)



PIN-OUT INFORMATION  
(COMPONENT SIDE VIEW)

8	GND
7	TCT
6	TD-
5	NC
4	RCT
3	TD +
2	RD -
1	RD +

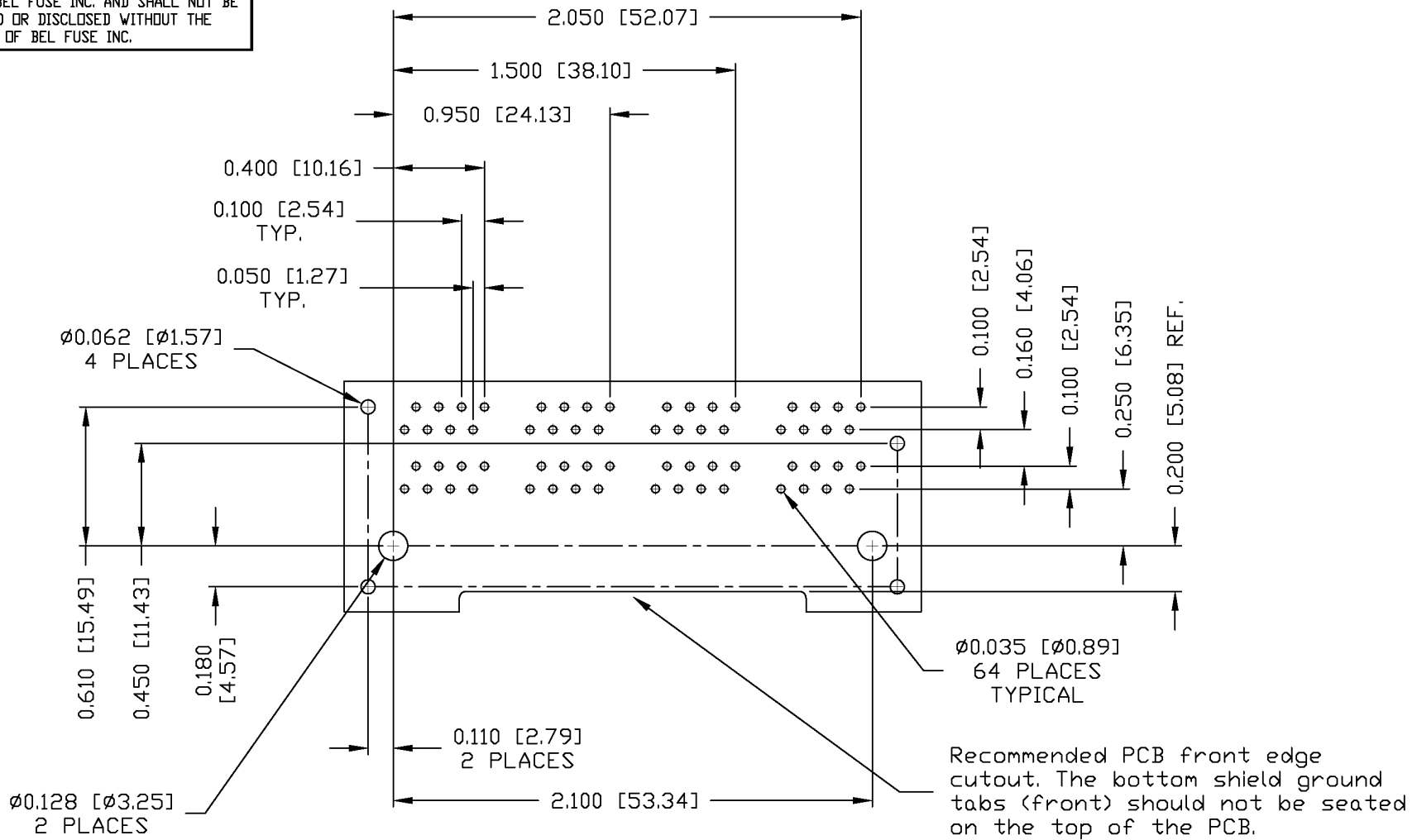


THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

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DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
LING	06-02-05		08112X4R28-FA.DWG	.XXX ±0.010	PAGE : 4



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SUGGESTED FOOTPRINT  
(COMPONENT SIDE VIEW)

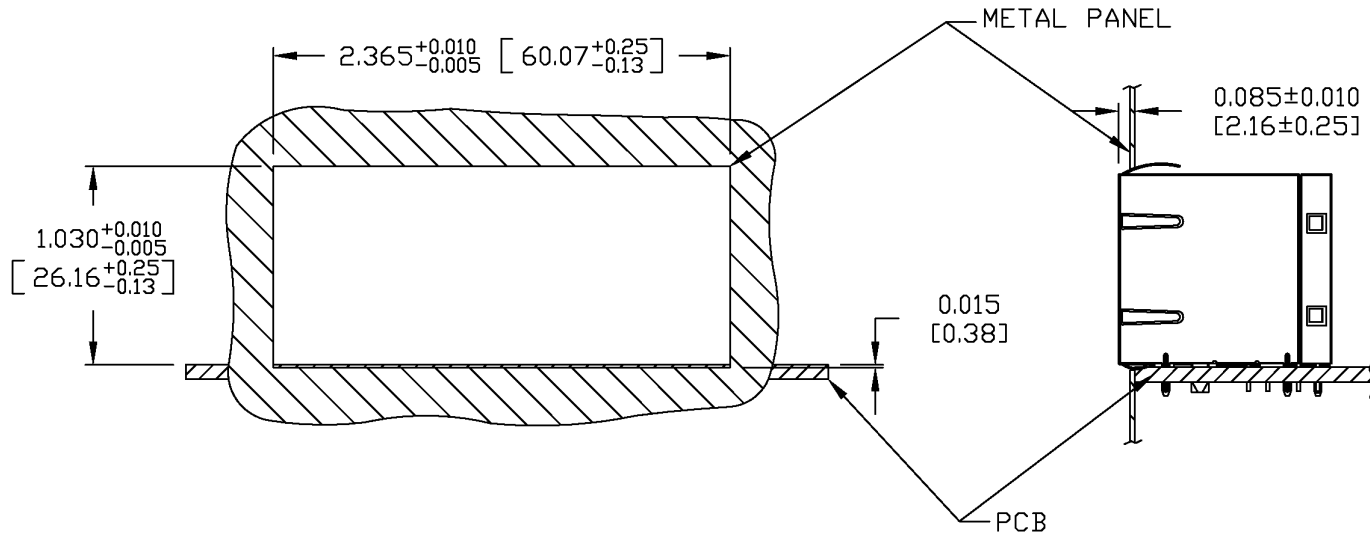
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE
BILL	06-02-05	2X4 MagJack® (4 Cores)	08112X4R28-F	.X	UNIT : INCH [mm] REV. : A
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
LING	06-02-05	0811-2X4R-28-F	08112X4R28-FA.DWG	.XXX ±0.005	PAGE : 5



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SUGGESTED PANEL DANING



NOTES:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL DANING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY : 0200-0148-46 (TOP)  
0200-0148-47 (BOTTOM)

PACKING QUANTITY : 20 PCS FINISHED GOODS AR TRAY.  
7 TRAYS (140 PCS FINISHED GOODS) AR CARTON BOX.

NOTE : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX.  
(INCLUDE THE UPARMOST AND LOWERMOST TRAY)

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LING	06-02-05		08112X4R28-FA.DWG	.XXX ±0.004	SCALE : N/A SIZE : A4 PAGE : 6

